



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

**Blaine J. Thurgood**

**Serial No.: 10/685,312**

**Filed: October 14, 2003**

**For: INTERPOSER SUBSTRATES WITH  
MULTISEGMENT INTERCONNECT  
SLOTS, SEMICONDUCTOR, DIE  
PACKAGES INCLUDING SAME,  
SEMICONDUCTOR DICE FOR USE  
THEREWITH AND METHODS OF  
FABRICATION**

**Confirmation No.: 5043**

**Examiner: Unknown**

**Group Art Unit: 3726**

**Attorney Docket No.: 2269-5520.1US  
(02-0676.01/US)**

**COPY**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 19, 2005  
Date

Signature

Joseph A. Walkowski  
Name (Type/Print)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**Sir:**

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of U.S. patents and U.S. patent publications are not being submitted pursuant to M.P.E.P. 609 III A(2). Copies of foreign patent documents and

non-patent literature are enclosed pursuant to 37 C.F.R. § 1.98(a)(2). The listed documents were cited by the Office in co-pending application Serial No. 10/409,804, filed on April 9, 2003, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

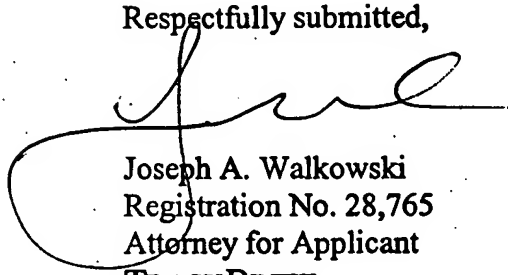
<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 5,231,878	08/1993	Zanini-Fisher et al.
US - 2002/0008307 A1	01/2002	Dickey
US - 2002/0020689 A1	02/2002	Leung

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

Serial No. 10/685,312

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,



Joseph A. Walkowski  
Registration No. 28,765  
Attorney for Applicant

TRASKBRITT

P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: January 19, 2005

JAW/dlm:ljb

Enclosures: Form PTO-1449 or PTO/SB/08

Document in ProLaw

\*Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

of

**E**

Attorney Docket Number

**Complete if Known**

Application Number

10/685,312

Filing Date

October 14, 2003

**First Named Inventor**

## Blaine J. Thurgood

**Group Art Unit**

3726

Examiner Name \_\_\_\_\_

Unknown

Attorney Docket Number

2269-5520.1US (02-0676.01/US)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**COPY**

THE PATENT & TRADEMARK OFFICE MAILROOM HAS  
STAMPED HEREON IS AN ACKNOWLEDGEMENT THAT ON THIS  
DATE THE PATENT & TRADEMARK OFFICE RECEIVED:

Supplemental Information Disclosure Statement (3 pages); and Form  
PTO/SB/08 (1 page).

Invention: INTERPOSER SUBSTRATES WITH  
MULTISEGMENT INTERCONNECT SLOTS,  
SEMICONDUCTOR, DIE PACKAGES INCLUDING  
SAME, SEMICONDUCTOR DICE FOR USE  
THEREWITH AND METHODS OF FABRICATION

Applicant(s): Blaine J. Thurgood  
Filing Date: October 14, 2003  
Serial No.: 10/685,312  
Date Sent: January 19, 2005 via first class mail  
Docket No.: 2269-5520.1US  
JAW/dlm:ljb

**RECEIVED**

**FEB 01 2005**

**TRASK BRITT, P.C.**



**BEST AVAILABLE COPY**